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1        3.    A flowline for producing hydrocarbons from a subsea well  
2        that is comprised of a substantially neutrally buoyant  
3        tubular composite umbilical means, whereby said tubular  
4        composite umbilical means that contains any produced  
5        hydrocarbons is substantially neutrally buoyant in the sea  
6        water adjacent to said subsea well.

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8        4.    A flowline for producing hydrocarbons from a subsea well  
9        that is comprised of a positively buoyant tubular composite  
10       umbilical means that possesses electrical heating means  
11       within the tubular walls of said tubular composite umbilical  
12       means to prevent waxes and hydrates from forming within said  
13       flowline and blocking said flowline, whereby said electrical  
14       heating means is comprised of at least one electrical  
15       conductor disposed within said tubular walls of said  
16       composite umbilical means that conducts electrical current  
17       that is used to heat said tubular composite umbilical means,  
18       and whereby said tubular composite umbilical means that  
19       contains any produced hydrocarbons is positively buoyant in  
20       the sea water adjacent to said subsea well.

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22       5.    A method of using a flowline for producing hydrocarbons  
23       from a subsea well that is comprised of a positively buoyant  
24       tubular composite umbilical means that possesses electrical  
25       heating means within the tubular walls of said tubular  
26       composite umbilical means to prevent waxes and hydrates from  
27       forming within said flowline and blocking said flowline,  
28       whereby said electrical heating means is comprised of at  
29       least one electrical conductor disposed within said tubular  
30       walls of said composite umbilical means that conducts  
31       electrical current that is used to heat said tubular  
32       composite umbilical means, and whereby said tubular composite  
33       umbilical means that contains any produced hydrocarbons is

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1 positively buoyant in the sea water adjacent to said subsea  
2 well.

3

4 6. A flowline for producing hydrocarbons from a subsea well  
5 that is comprised of a positively buoyant tubular composite  
6 umbilical means, whereby said tubular composite umbilical  
7 means that contains any produced hydrocarbons is positively  
8 buoyant in the sea water adjacent to said subsea well.

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POSITIVELY BUOYANT ELECTRICALLY HEATED FLOWLINES..."**  
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